Index of Claims

| , | App | ı | ica | tio | n/ | Co | ntr | ol | No |  |
|---|-----|---|-----|-----|----|----|-----|----|----|--|
|   |     |   |     |     |    |    |     |    |    |  |

10/684,008

Examiner

Nasser Ahmad

Applicant(s)/Patent under Reexamination

WHEATLEY, ALAN J.

Art Unit

1772

| 1 | Rejected |
|---|----------|
| 1 | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

| Cla      | Date     |          |          |          |          |          |          |              |          | Cla      | Claim Date |          |         |          |           |          |  |   | 7   | Claim Date         |          |          |            |           |                 |              |   |              |          | $\neg$     |   |          |
|----------|----------|----------|----------|----------|----------|----------|----------|--------------|----------|----------|------------|----------|---------|----------|-----------|----------|--|---|---|--------------------|----------|----------|------------|-----------|-----------------|--------------|---|--------------|----------|------------|---|----------|
| J''      |          | Н        | Γ        | Г        |          |          |          |              |          |          |            |          |         | 1        |           |          |  |   |   |                    |          |          | П          | _         | $\dashv$        |              |   |              |          |            |   |          |
| Final    | Original | 9/18/05  |          |          |          |          |          |              |          |          | Final      | Original | 9/18/05 |          |           |          |  |   |   |                    |          | Final    | Original   | 9/18/05   |                 |              |   |              |          |            |   |          |
|          | 1        | Н        |          | H        | Ħ        | Ħ        | <u> </u> | t            | H        | _        |            | 51       | v       | T        | 寸         | 寸        | _  | 1   | 7   | T                  | 1        |          | 101        | ~         | $\vdash$        | _            | ┪   | $\dashv$     |          | ┪          | _   | $\neg$   |
|          | 2        |          | $\vdash$ | Н        | T        | T        | T        | <u> </u>     | Н        | 一        |            | 52       | v       | T        | $\dashv$  | 寸        | $\exists$  | $\dashv$  | $\dashv$  |                    | 1        | -        | 102        | ·         | $\vdash$        | _            | 7   | ᅥ            | $\neg$   | 寸          | _   | ᅥ        |
|          | 3        |          | $\vdash$ |          |          | Т        |          | T            | П        | Ti.      |            | 53       | v       | $\Box$   | 寸         | $\neg$   | 7  |   | 寸   |                    | ┪.       |          | 103        | <b>×</b>  |                 | 1            | ┪   | 一            | $\neg$   | 一          | $\neg$  | $\neg$   |
|          | 4        | -        | $\vdash$ | $\vdash$ | ┢        | Ι        | _        | <del> </del> | М        | $\neg$   |            | 54       | V       | $\neg$   | _         | $\dashv$ |  | $\dashv$  | 7   |                    | $\dashv$ |          | 104        | >         |                 | 1            | ┪   | 一            | $\dashv$ | 一          | $\dashv$  | $\neg$   |
|          | 5        |          |          |          | l        | l        | <u> </u> | 1            | H        | $\dashv$ |            | 55       | v       |          | 1         | 1        | T  | T   | T   | $\neg$             | ┥.       |          | 105        | >         | $\dashv$        | ┪            | ┪   | ヿ            | $\neg$   | 寸          | 寸   |          |
|          | 6        |          |          |          |          |          | Г        | T            | П        | _        |            | 56       | v       |          | 寸         |          | T  | T   | 寸   |                    | $\dashv$ |          | 106        |           | _               | 十            | 7   | コ            | $\neg$   | $\neg$     | 一   |          |
|          | 7        |          |          |          |          |          | Г        |              |          |          |            | 57       | v       |          | 一         |          | 寸  |   | 寸   | T                  | $\dashv$ |          | 107        | >         | $\neg$ $\vdash$ | 7            | $\neg$  | $\neg$       | $\neg$   | $\neg$     |   | $\neg$   |
|          | 8        |          |          |          | Π        | Π        |          |              |          |          |            | 58       | v       |          | $\exists$ |          | $\neg$   |   | 7   | T                  | 7        |          | 108        | >         |                 | T            | T   |              |          |            |   | $\neg$   |
|          | 9        |          |          |          |          |          |          |              |          |          |            | 59       | v       |          |           |          |  |   | $\neg$  |                    |          |          | 109        |           |                 | T            | T   |              | T        | İ          |   | $\neg$   |
|          | 10       |          |          |          |          |          |          |              |          |          |            | 60       | ٧       |          |           |          | $\Box$   |   |   |                    |          |          | 110        |           |                 | Т            | T   |              |          |            |   |          |
|          | 11       |          |          |          |          |          |          |              |          |          |            | 61       |         |          |           |          |  |   |   |                    |          |          | 111        |           |                 |              |   |              |          |            |   |          |
|          | 12       |          |          |          |          |          |          |              |          |          |            | 62       |         |          |           |          |  |   |   |                    |          |          | 112        |           |                 |              |   |              |          |            |   |          |
|          | 13       |          |          |          |          | <u> </u> |          |              |          |          |            | 63       |         |          |           |          | $\Box$   | $\Box$  | $\Box$  | $\Box$             | _        |          | 113        |           |                 |              | $\Box$  |              |          |            |   |          |
|          | 14       | L        | _        | L        |          | L        |          | L            |          |          |            | 64       |         |          |           |          | $\perp$  | $\perp$   | $\perp$   | $\perp$            | _        |          | 114        |           |                 | $\perp$      | $\perp$   |              |          |            | Ц   |          |
| Ŀ        | 15       | <u> </u> | <u> </u> | _        | <u> </u> | <u> </u> | L        |              | Ш        | _        |            | 65       | ٧       |          | _[        | _[       | [  |   | $\perp$   | $\perp$            | _        |          | 115        |           |                 | $\perp$      | $\perp$   | ]            | [        | [          | [   | ]        |
|          | 16       | L        | <u>L</u> | <u> </u> |          | L        | _        | Ш            | Ш        | _        | <u></u>    | 66       | v       |          |           |          | $\perp$  | _   | $\perp$   | $\perp$            | _        | <u> </u> | 116        |           | $\perp$         | $\downarrow$ | 4   | _ļ           | ļ        |            | _ļ  | _        |
|          | 17       |          | _        |          | L.       | _        |          | _            |          | _        |            | 67       | ٧       |          | _ .       | _        | 4  | _   | _   | _                  | 4        |          | 117        |           |                 | 4            | 4   | _            | _        | _          | _   | _        |
|          | 18       |          |          | _        | _        | <u> </u> | _        | _            |          | _        |            | 68       | v       |          | _         | _        | 4  | _   | _   |                    | _        |          | 118        |           |                 | _            | _   | _            | _        | _          | _   | _        |
|          | 19       |          | <u> </u> | <u> </u> | _        |          | _        | _            |          | _        |            | 69       | v       |          | _         | _        | _  | _   | _   | $\dashv$           | _        |          | 119        |           | $\perp$         | $\perp$      | 4   | Į            | ļ        |            | _   | _        |
|          | 20       | <u> </u> | _        | _        | <u> </u> |          | _        |              |          | _        |            | 70       | v       |          | _         | _        | _  | _   | _   |                    | 4        | <u> </u> | 120        |           |                 | _            | 4   |              | _        | _          | _   |          |
|          | 21       | <u> </u> | <u> </u> | <u> </u> |          | _        | <u> </u> | _            |          |          |            | 71       | v       |          | _         | _        | _  | 4   | _   | _                  | 4        | <u> </u> | 121        |           |                 | -            | 4   | 4            | _        | _          | _   | 4        |
|          | 22       | L        | _        | _        | _        |          |          |              | Ш        | _        |            | 72       | ٧       | _        |           |          |  | 4   | _   |                    | 4        | <u></u>  | 122        |           | _               | 4            | 4   | _            | _        | _          | $\dashv$  | 긕        |
|          | 23       | <u> </u> |          | <u> </u> | <u> </u> | _        |          | _            | Ш        | _        | <u> </u>   | 73       | ٧       | _        | 4         | -        | +  | -   | -   | -                  |          | <u> </u> | 123        | _         | $\dashv$        |              | 4   | -            | _        | _          | -   |          |
| <u> </u> | 24       |          | <u> </u> | <u> </u> | <u> </u> | <u> </u> |          |              | Н        | —        | <u> </u>   | 74       | _       |          |           | -        | $\dashv$   | $\dashv$  | $\dashv$  | -                  | -        | <u> </u> | 124        |           | -               | +            | 4   |              | -        | _          | -   | $\dashv$ |
|          | 25       | $\vdash$ |          | -        | <u> </u> |          | ⊢        | ⊢            | Н        |          |            | 75<br>70 | H       | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$   | $\dashv$  | $\dashv$  | +                  | -        | <u> </u> | 125        | _         | $\dashv$        | +            | 4   | $\dashv$     | $\dashv$ | $\dashv$   | $\dashv$  | 긕        |
|          | 26<br>27 | <u> </u> | -        |          | <u> </u> | <u> </u> | H        |              | -        | $\dashv$ | _          | 76       | L       | -        | $\dashv$  | $\dashv$ | $\dashv$   | $\dashv$  | $\dashv$  | +                  |          | -        | 126        |           | +               | +            | $\dashv$  | -            | -        | -          | -   | $\dashv$ |
| -        | 28       | -        | _        |          |          | -        |          | $\vdash$     | Н        |          | -          | 77<br>78 |         |          | $\dashv$  | $\dashv$ | -  | -+  |   |                    |          |          | 127<br>128 |           |                 | +            | $\dashv$  | <del> </del> | -+       | -          |   | $\dashv$ |
| -        | 29       | $\vdash$ | $\vdash$ |          |          | -        | H        | ⊢            | Н        | $\dashv$ | -          | 79       | V       | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$   | $\dashv$  | ┥   | -                  |          | $\vdash$ | 129        |           |                 | +            | $\dashv$  |              |          |            | -   | $\dashv$ |
| <u> </u> | 30       |          | $\vdash$ | -        | -        | -        |          | -            | Н        | $\dashv$ | $\vdash$   | 80       | -       | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$   | $\dashv$  | $\dashv$  |                    | -        | $\vdash$ | 130        |           | $\rightarrow$   | +            | $\dashv$  | -            | -        | $\dashv$   | -   | $\dashv$ |
| -        | 31       | H        | $\vdash$ | -        |          | -        |          | $\vdash$     | Н        | $\dashv$ | $\vdash$   | 81       | v<br>v  | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$   | $\dashv$  | $\dashv$  | +                  | $\dashv$ | <u> </u> | 131        | $\dot{-}$ | +               | +            | $\dashv$  | $\dashv$     | $\dashv$ | $\dashv$   | $\dashv$  | $\dashv$ |
| $\vdash$ | 32       |          |          |          | -        |          |          | -            | Н        | $\dashv$ | -          | 82       | v       | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$   | $\dashv$  | $\dashv$  | +                  | $\dashv$ | $\vdash$ | 132        |           | -               | +            | $\dashv$  |              | -        | $\dashv$   | $\dashv$  | $\dashv$ |
| $\vdash$ | 33       |          | $\vdash$ | -        | -        |          |          |              | $\vdash$ | $\dashv$ |            | 83       | v       |          | $\dashv$  | $\dashv$ | +  | $\dashv$  | +   |                    |          |          | 133        | $\dashv$  |                 | +            | +   | +            |          |            | -   | -        |
|          | 34       | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ |          |              | $\vdash$ | $\dashv$ | <u> </u>   | 84       | v       | $\vdash$ | $\dashv$  | +        | +  | $\dashv$  | +   | -                  | -        |          | 134        |           | $\dashv$        | +            | +   | ᅥ            | 一        | 一          | 一   | ᅱ        |
|          | 35       |          |          |          |          | П        |          |              | Н        | $\dashv$ |            | 85       | v       |          | $\dashv$  | $\dashv$ | 十  | $\dashv$  | $\dashv$  | $\dashv$           | $\dashv$ |          | 135        |           | $\dashv$        | $\dagger$    | ┪   | $\dashv$     | 1        | _          | 一   | ㅓ        |
|          | 36       |          | t        |          | T        |          | H        | H            | H        | $\dashv$ |            | 86       | Ė       | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$   | $\dashv$  | $\dashv$  | $\dashv$           | 7        |          | 136        |           | $\dashv$        | $\dagger$    | $\dashv$  | $\dashv$     | $\dashv$ | $\dashv$   | 一   | $\dashv$ |
|          | 37       |          |          |          | Г        |          | П        | П            | П        | $\dashv$ |            | 87       |         | $\neg$   | 7         | 寸        | $\neg$   | $\dashv$  | $\dashv$  | $\dashv$           | 7        |          | 137        | H         | T               | $\dagger$    | $\dashv$  | 寸            | 一        | 寸          | 一   | $\dashv$ |
|          | 38       |          | T        |          | Г        |          | П        | П            | М        | $\dashv$ |            | 88       |         | $\Box$   | $\dashv$  |          | $\neg$   | $\dashv$  |   | $\top$             | 7        |          | 138        | $\neg$    |                 | +            | 7   | 寸            |          | 一          | _   | ㅓ        |
|          | 39       |          | Т        | Г        | $\vdash$ |          |          | П            | П        | $\dashv$ |            | 89       |         |          | $\neg$ †  | _        | $\neg$   | $\dashv$  | 7   | $\neg$             | 7        |          | 139        |           | $\neg$          | Ť            | T   |              |          |            | $\neg$  | ㅓ        |
|          | 40       |          |          |          | Г        |          |          |              |          |          |            | 90       |         |          | 7         | $\dashv$ |  | 一   | 寸   | 丁                  | ┪        |          | 140        |           | $\neg$          |              | 1   |              | $\dashv$ |            | $\neg$  | ヿ        |
|          | 41       |          | Г        |          | Γ        |          |          |              | П        | $\neg$   |            | 91       |         |          | T         | T        | 1  | 1   | 寸   | 寸                  | 7        |          | 141        |           | 1               | 1            | 寸   |              |          | $\dashv$   | 一   | ㅓ        |
|          | 42       |          |          |          |          |          |          |              |          |          |            | 92       |         |          |           |          |  |   |   |                    |          |          | 142        |           |                 | Т            | ヿ   | 一            | $\neg$   | $\dashv$   | $\neg$  | ヿ        |
|          | 43       |          |          |          |          |          |          |              |          |          |            | 93       |         |          |           |          |  |   |   | Ι                  |          |          | 143        |           |                 | Ι            | ╝   | ┚            |          |            |   |          |
|          | 44       |          |          |          |          |          |          |              |          |          |            | 94       |         |          |           |          |  |   |   |                    | ]        |          | 144        |           |                 |              | ╗   | コ            |          |            |   |          |
|          | 45       |          |          |          |          |          |          |              |          |          |            | 95       |         |          |           |          |  | $\Box$  | $\Box$  | $\Box$             |          |          | 145        |           |                 | Ι            | I   |              |          |            |   |          |
|          | 46       |          |          |          |          |          |          |              |          |          |            | 96       |         | $\Box$   |           |          |  | $\Box$  |   | $\Box$             |          |          | 146        |           |                 |              |   |              |          |            |   |          |
|          | 47       |          |          |          |          |          |          |              |          |          |            | 97       | Ш       |          |           |          | $oldsymbol{ol}}}}}}}}}}}}}}}}$ | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $oldsymbol{\perp}$ |          |          | 147        |           | $\Box$          | I            |   |              |          |            | $\Box$  |          |
|          | 48       |          |          |          |          |          |          | Ш            |          | _]       |            | 98       | >       |          | $\bot$    |          | I  | $\perp$   | $\Box$  | $\perp \Gamma$     | _        |          | 148        |           |                 | I            | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $\Box$       |          | $\Box$     | $oldsymbol{ol}}}}}}}}}}}}}}}$ |          |
| $\sqcup$ | 49       | ٧        | Ш        | <u> </u> | L.       |          | Ш        | Ш            | Ш        |          |            | 99       | ٧       | _        |           |          | 4  |   | $\dashv$  |                    | _        | $\perp$  | 149        |           |                 |              | $\perp$   | $\Box$       | $\perp$  | $_{\perp}$ | _[  |          |
| ш        | 50       | v        |          |          | L_       |          |          |              | Ш        |          |            | 100      | ٧       |          |           |          |  |   |   |                    |          | L        | 150        |           |                 | $\perp$      | _1  | . [          |          |            |   |          |